Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121718\
Data File : BM018250.D
Acq On : 17 Dec 2018 15:50
Operator : JU/SJ
Sample : J6378-12MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P001-SD012-0612-01MS

Manual Integrations APPROVED
Sohil
12/18/2018 6:14:57 PM

Quant Time: Dec 18 01:31:58 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM121518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 15 21:39:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	136518	20.00	ng	-0.01
21) Naphthalene-d8	10.26	136	503166	20.00	ng	0.00
39) Acenaphthene-d10	14.15	164	244834	20.00	ng	-0.01
64) Phenanthrene-d10	16.92	188	501383	20.00	ng	0.00
76) Chrysene-d12	21.14	240	591115	20.00	ng	0.00
87) Perylene-d12	23.31	264	647757	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	1116238	136.59	ng	0.00
7) Phenol-d6	6.70	99	1413521	124.44	ng	0.00
23) Nitrobenzene-d5	8.66	82	875938	89.29	ng	0.00
42) 2,4,6-Tribromophenol	15.66	330	398726	110.96	ng	0.00
45) 2-Fluorobiphenyl	12.76	172	1505765	79.66	ng	0.00
79) Terphenyl-d14	19.57	244	1913028	73.19	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.13	88	115543	35.691	ng	99
3) Pyridine	3.50	79	349861	36.735	ng	99
4) n-Nitrosodimethylamine	3.43	42	153370	46.786	ng	94
6) Aniline	6.85	93	461813	32.409	ng	99
8) 2-Chlorophenol	7.07	128	406585	42.108	ng	98
9) Benzaldehyde	6.66	77	129654	18.726	ng	91
10) Phenol	6.73	94	613355	50.987	ng	99
11) bis(2-Chloroethyl)ether	6.95	93	381125	39.864	ng	97
12) 1,3-Dichlorobenzene	7.38	146	461834	42.833	ng	99
13) 1,4-Dichlorobenzene	7.53	146	802744	73.316	ng	99
14) 1,2-Dichlorobenzene	7.84	146	430269	40.765	ng	99
15) Benzyl Alcohol	7.75	79	349018	37.709	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.03	45	322735	37.511	ng	90
17) 2-Methylphenol	7.95	107	328728	40.925	ng	98
18) Hexachloroethane	8.55	117	176456	43.969	ng	99
19) n-Nitroso-di-n-propylamine	8.31	70	304808	35.939	ng	97
20) 3+4-Methylphenols	8.28	107	440232	39.113	ng	99
22) Acetophenone	8.32	105	582007	43.709	ng	97
24) Nitrobenzene	8.70	77	444782	45.378	ng	99
25) Isophorone	9.22	82	763204	46.732	ng	98
26) 2-Nitrophenol	9.40	139	205999	42.850	ng	98
27) 2,4-Dimethylphenol	9.47	122	344818	49.768	ng	99
28) bis(2-Chloroethoxy)methane	9.70	93	472909	44.423	ng	99
29) 2,4-Dichlorophenol	9.93	162	335274	43.644	ng	99
30) 1,2,4-Trichlorobenzene	10.13	180	378517	43.318	ng	95
31) Naphthalene	10.31	128	1449965	58.933	ng	100
32) Benzoic acid	9.65	122	218956m	33.374	ng	
33) 4-Chloroaniline	10.45	127	288138	26.736	ng	98
34) Hexachlorobutadiene	10.58	225	232989	42.159	ng	94
35) Caprolactam	11.25	113	107333m	36.668	ng	
36) 4-Chloro-3-methylphenol	11.59	107	363193	39.347	ng	99
37) 2-Methylnaphthalene	11.93	142	897554	51.730	ng	99
38) 1-Methylnaphthalene	12.16	142	800632	47.288	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.32	216	384238	45.638	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.28	237	321092	86.373	ng		99
43) 2,4,6-Trichlorophenol	12.57	196	250178	46.201	ng		96
44) 2,4,5-Trichlorophenol	12.65	196	260119	45.248	ng		98
46) 1,1'-Biphenyl	12.97	154	984998	44.720	ng		99
47) 2-Chloronaphthalene	13.02	162	723761	44.644	ng		99
48) 2-Nitroaniline	13.25	65	208653	41.781	ng		98
49) Acenaphthylene	13.87	152	1130013	46.254	ng		99
50) Dimethylphthalate	13.63	163	960907	47.208	ng		99
51) 2,6-Dinitrotoluene	13.76	165	191643	42.829	ng		98
52) Acenaphthene	14.22	154	651973	43.668	ng		99
53) 3-Nitroaniline	14.09	138	145776	30.958	ng		100
54) 2,4-Dinitrophenol	14.31	184	192787	78.104	ng		95
55) Dibenzofuran	14.56	168	1044666	43.545	ng		99
56) 4-Nitrophenol	14.42	139	290118	81.261	ng		95
57) 2,4-Dinitrotoluene	14.56	165	265843	42.982	ng		95
58) Fluorene	15.22	166	850296	45.890	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.80	232	224246	43.313	ng	#	98
60) Diethylphthalate	15.00	149	856868	39.008	ng		99
61) 4-Chlorophenyl-phenylether	15.22	204	418851	39.970	ng		100
62) 4-Nitroaniline	15.26	138	162248	36.313	ng		93
63) Azobenzene	15.51	77	856676	42.771	ng		99
65) 4,6-Dinitro-2-methylphenol	15.33	198	131075	35.512	ng		92
66) n-Nitrosodiphenylamine	15.44	169	753817	45.466	ng		98
67) 4-Bromophenyl-phenylether	16.12	248	258662	42.598	ng		97
68) Hexachlorobenzene	16.22	284	285527	42.922	ng		98
69) Atrazine	16.41	200	353840	63.216	ng		97
70) Pentachlorophenol	16.57	266	338216	76.983	ng		99
71) Phenanthrene	16.96	178	1358938	49.899	ng		99
72) Anthracene	17.05	178	1264535	46.803	ng		98
73) Carbazole	17.33	167	1140559	41.129	ng		99
74) Di-n-butylphthalate	17.90	149	1445414	42.243	ng		99
75) Fluoranthene	18.99	202	1435490	45.336	ng		100
77) Benzidine	19.20	184	342564	22.854	ng		96
78) Pyrene	19.36	202	1506845	42.782	ng		99
80) Butylbenzylphthalate	20.29	149	691347	41.260	ng		98
81) Benzo(a)anthracene	21.13	228	1578216	45.706	ng		99
82) 3,3'-Dichlorobenzidine	21.07	252	435048	31.537	ng		97
83) Chrysene	21.18	228	1506778	45.367	ng		99
84) Bis(2-ethylhexyl)phthalate	21.07	149	1470072	58.868	ng		98
85) Di-n-octyl phthalate	21.93	149	1892212	46.266	ng		99
86) Indeno(1,2,3-cd)pyrene	25.45	276	2006021	60.634	ng		99
88) Benzo(b)fluoranthene	22.67	252	1721465	47.311	ng	#	98
89) Benzo(k)fluoranthene	22.71	252	1572514	43.395	ng	#	97
90) Benzo(a)pyrene	23.22	252	1622938	46.897	ng		98
91) Dibenzo(a,h)anthracene	25.46	278	1697368	52.949	ng		98
92) Benzo(g,h,i)perylene	26.10	276	1655999	54.649	ng		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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